

PERMIT APPLICATION NUMBER: NRS#03.291

APPLICANT: B S & J Enterprises
1836 Longview Drive
Sevierville, Tennessee 37876
(865) 428-0108

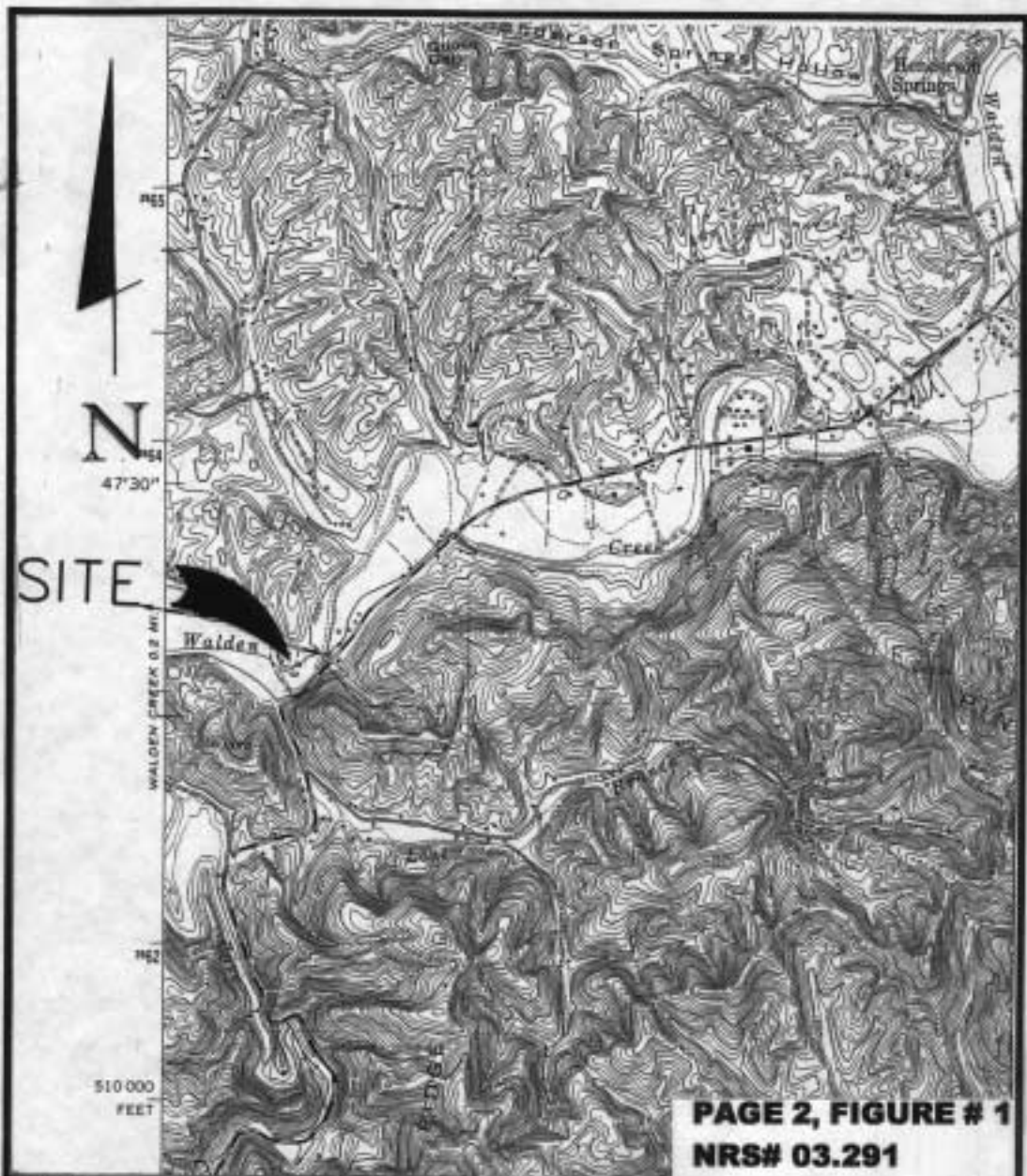
LOCATION: The proposed project is located west of the town of Pigeon Forge near the intersection of U.S. Highway 321 (Wears Valley Road) and (the south side of) Walden Creek Road along Walden Creek, Sevier County, Tennessee.

WATERSHED DESCRIPTION: Walden Creek is located within the Lower French Broad River watershed. The existing channel has a trapezoidal shape with defined banks on both sides along most of the creek. The creek bed width ranges from approximately 30 feet to over 50 feet. The width at the top of the creek bank varies from 40 feet to greater than 80 feet. The banks range in height from 3 feet to approximately 10 feet above normal flow line of the creek. Generally, the channel bottom consists of sand, gravel and hand size river rock. The banks of the creek are irregularly sloped and lined with trees and some small under growth. The bank erosion is irregular with root systems exposed on trees located along the banks. The trees at the top of the bank extend a few feet back from the top of the creek bank. Past the tree line are open fields. In this area the existing vegetation consists of a wild pasture mixture.


DESCRIPTION: The project will consist of stabilizing eroding banks on the north side of Walden Creek. The total bank stabilization will be approximately 1100 linear feet. The proposed work includes repair and armoring of unstable bank toe(s), grading of eroded banks, placement of riprap, geotextile fabric and live (tree) stakes according to United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) specifications. The applicant shall reestablish/improve a riparian zone with a mixture of native plant species chosen from the USDA/NRCS Riparian Forest Buffer guidelines. Trees shall be root balled and have a trunk diameter of 1 to 2 inches. The trees shall be maintained to ensure a survival rate of 80% for a five-year period following the planting. Trees shall replanted as necessary to maintain this survival rate.

PERMIT COORDINATOR: Dorsey Horne, STATE OF TENNESSEE, Department of Environment and Conservation, Division of Water Pollution Control, 7th Floor, L & C Annex, 401 Church Street, Nashville, Tennessee 37243-1534

USGS QUAD: PIGEON FORGE, TENNESSEE 156-SE



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SCALE: 1: 24000	LOCATION MAP - U.S.G.S. PIGEON FORGE, TENN. QUADRANGLE	 <p>VISION ENGINEERING AND DEVELOPMENT SERVICES, INC. 229 PRINCE STREET SEVIERVILLE, TENNESSEE 37862 (865) 774-7771</p>
DATE: 11/24/2003	B S & J ENTERPRISES CAMPGROUND	
PROJECT NO: 030107-10	WALDENS CREEK COMMUNITY DISTRICT 16, SEVIER COUNTY, TENNESSEE	